| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| | | (grating near array near switch) and optic$ | USPAT | OR | ON | 2002/05/15 16:33 |
| | | mukasa.in. and optic$ | USPAT | OR | ON | 2002/05/02 17:01 |
| | | ("385"/$.ccls. and ($coupl$ with critical$)) and ((over$ or satur$) with $coupl$) | USPAT | OR | ON | 2003/04/06 19:23 |
| | | "385"/$.ccls. and (($coupl$ near1 critical$) same over$) | USPAT | OR | ON | 2002/05/01 15:42 |
| | | "385"/$.ccls. and ($coupl$ near1 critical$) | USPAT | OR | ON | 2002/05/01 15:38 |
| | | "385"/$.ccls. and ($coupl$ with critical$) | USPAT | OR | ON | 2002/05/01 15:42 |
| | | "385"/$.ccls. and (over$ with $coupl$ with critical$) | USPAT | OR | ON | 2002/05/01 15:33 |
| | | "385"/$.ccls. and (over$ adj1 $coupl$) | USPAT | OR | ON | 2002/05/01 15:28 |
| | | (((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator) and (over$ with $coupl$)) and (over$ with $coupl$) | USPAT | OR | ON | 2002/04/30 18:15 |
| | | ((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator) and (over$ with $coupl$) | USPAT | OR | ON | 2003/04/04 20:21 |
| | | "385"/$.ccls. and (fuse$ with $fiber$ with $taper$) | USPAT | OR | ON | 2002/04/30 17:19 |
| | | (((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator)) and (fiber same resonator) and taper$ | USPAT | OR | ON | 2002/04/30 16:40 |
| | | (((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator)) and (fiber same $ring$) | USPAT | OR | ON | 2002/04/29 21:38 |
| | | ((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator) | USPAT | OR | ON | 2002/08/28 08:12 |
| | | ((ring with resonator) same taper$) and optic$ | USPAT | OR | ON | 2002/04/29 19:39 |
| | | ((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) and taper | USPAT | OR | ON | 2002/04/29 20:48 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | ((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) and axial$ | USPAT | OR | ON | 2002/04/29 19:32 |
| | | ((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) and spacer | USPAT | OR | ON | 2002/04/29 18:47 |
| | | (resonant with optic$ with modulator) and (BOA or bifurc$) and fiber | USPAT | OR | ON | 2002/04/29 16:27 |
| | | ((($resonator with ring$) or FRR) with modulator) and (BOA or bifurc$) and fiber | USPAT | OR | ON | 2002/04/29 16:36 |
| | | "5802235".URPN. and (fiber$ with $ring$) | USPAT | OR | ON | 2002/04/29 17:03 |
| | | resonant with optic$ with modulator | USPAT | OR | ON | 2002/04/29 17:09 |
| | | (($resonator with ring$) or FRR) with modulator | USPAT | OR | ON | 2002/04/29 16:19 |
| | | resonator and (fiber with taper) and optic$ and garnet | USPAT | OR | ON | 2002/04/24 12:53 |
| | | resonator and (fiber with taper) and optic$ | USPAT | OR | ON | 2002/04/24 11:20 |
| | | (circumferential$ with $mode with resonator) and optic$ | USPAT | OR | ON | 2002/04/23 17:02 |
| | | (circumferential$ with $mode) and "385"/$.ccls. | USPAT | OR | ON | 2002/05/15 15:18 |
| L3 | 11936 | 385/14.ccls. or 385/15.ccls. or 385/30.ccls. or 385/31.ccls. or 385/32.ccls. or 385/39.ccls. or 385/48.ccls. or 385/50.ccls. or 385/129.ccls. or 385/130.ccls. or 385/131.ccls. or 385/132.ccls. or 385/40.ccls. or 385/123.ccls. or 385/43.ccls. or 359/332.ccls. or 359/333.ccls. or 359/107.ccls. or 359/332.ccls. or 372/92.ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/04 16:51 |
| L4 | 1107 | 385/27.ccls. | US-PGPUB; USPAT | OR | ON | 2004/12/04 16:52 |
| L6 | 9 | ("6052495").URPN. | USPAT | OR | OFF | 2004/12/04 16:52 |
| L7 | 0 | ("6633696").URPN. | USPAT | OR | OFF | 2004/12/04 16:55 |
| S1 | 8541 | 385/14.ccls. or 385/15.ccls. or 385/30.ccls. or 385/31.ccls. or 385/32.ccls. or 385/39.ccls. or 385/48.ccls. or 385/50.ccls. or 385/129.ccls. or 385/130.ccls. or 385/131.ccls. or 385/132.ccls. or 385/40.ccls. or 385/123.ccls. or 385/43.ccls. or 359/332.ccls. or 359/333.ccls. or 359/107.ccls. or 359/332.ccls. or 372/92.ccls. | USPAT | OR | ON | 2004/12/04 16:51 |
| S2 | 691 | 385/27.ccls. | USPAT | OR | ON | 2004/12/04 16:52 |
| S3 | 1 | "6101300".pn. | USPAT | OR | ON | 2002/04/23 17:53 |

| S4 | 16 | (resonator and (fiber with taper) and optic$) and modulator | USPAT | OR | ON | 2002/04/23 17:56 |
|----|-----|----|----|----|----|----|
| S5 | 23 | "5138676".URPN. | USPAT | OR | ON | 2004/04/16 14:41 |
| S6 | 5 | ("5138676" \| "5452393" \| "5699461" \| "5883992" \| "6008927").PN. | USPAT | OR | ON | 2002/04/24 11:15 |
| S7 | 1 | "5446573".PN. | USPAT | OR | OFF | 2002/04/24 13:00 |
| S8 | 4 | ((($resonator with ring$) or FRR) with modulator) and (resonant with optic$ with modulator) | USPAT | OR | ON | 2002/04/24 13:03 |
| S9 | 5 | "5802235".URPN. | USPAT | OR | ON | 2002/04/29 16:13 |
| S10 | 2 | "5802235".URPN. and ring | USPAT | OR | ON | 2002/04/29 16:16 |
| S11 | 1 | "5001523".pn. | USPAT | OR | ON | 2002/04/29 16:37 |
| S12 | 9 | "5001523".URPN. | USPAT | OR | ON | 2002/04/29 16:39 |
| S13 | 6 | "5001523".URPN. and fiber | USPAT | OR | ON | 2002/04/29 16:40 |
| S14 | 7 | "5123027".URPN. | USPAT | OR | ON | 2002/04/29 16:49 |
| S15 | 130 | fiber with ring with resonator | USPAT | OR | ON | 2002/04/29 17:05 |
| S16 | 2 | "5446579".URPN. | USPAT | OR | ON | 2002/04/29 18:19 |
| S17 | 54 | ring with resonator with axial$ | USPAT | OR | ON | 2002/04/29 19:37 |
| S18 | 9 | (ring with resonator with axial$) and taper$ | USPAT | OR | ON | 2002/04/29 19:35 |
| S19 | 22 | (ring with resonator) same taper$ | USPAT | OR | ON | 2002/04/29 19:39 |
| S20 | 38 | (((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator)) and (fiber same resonator) | USPAT | OR | ON | 2002/04/30 16:29 |
| S21 | 18501 | "385"/$.ccls. | USPAT | OR | ON | 2002/04/30 16:42 |
| S22 | 32 | taper with fuse with fiber | USPAT | OR | ON | 2002/05/01 14:48 |
| S23 | 5 | (taper with fuse with fiber) and wrap | USPAT | OR | ON | 2002/04/30 17:47 |
| S24 | 0 | ((taper with fuse with fiber) and wrap) and resonator | USPAT | OR | ON | 2002/04/30 17:48 |
| S25 | 0 | ((taper with fuse with fiber) and wrap) and ring | USPAT | OR | ON | 2002/04/30 17:48 |
| S26 | 32 | taper with fuse with fiber | USPAT | OR | ON | 2002/05/01 14:48 |
| S27 | 1 | "5313176".PN. | USPAT | OR | ON | 2002/05/02 13:44 |
| S28 | 1 | "5313176".PN. | USPAT | OR | ON | 2002/05/02 16:59 |
| S29 | 0 | "09760822".ap. | USPAT | OR | ON | 2002/05/02 17:00 |
| S30 | 14 | "5475704".pn. or "5138676".pn. or "5446579".pn. or "5822482".pn. or "5751873".pn. or "5666447".pn. or "5479548".pn. or "4723827".pn. or "4515431".pn. or "4142775".pn. or "6108465".pn. or "5708670".pn. or "5546414".pn. or "5015058".pn. | USPAT | OR | ON | 2002/05/13 16:07 |

| S31 | 2 | (grating near1 switch) and (grating near1 filter) and "385"/$.ccls. | USPAT | OR | ON | 2002/05/15 15:21 |
|---|---|---|---|---|---|---|
| S32 | 2 | (grating near1 switch) and (grating near1 filter) and "385"/$.ccls. | USPAT | OR | ON | 2002/05/15 15:25 |
| S33 | 41 | (grating near1 switch) and "385"/$.ccls. | USPAT | OR | ON | 2002/05/15 15:29 |
| S34 | 1 | "5969834".pn. | USPAT | OR | ON | 2002/05/15 15:41 |
| S35 | 0 | "5969834".URPN. | USPAT | OR | ON | 2002/05/15 15:33 |
| S36 | 62 | ((series with grating) same Bragg) and switch | USPAT | OR | ON | 2002/05/15 15:45 |
| S37 | 5 | ((series with grating) same Bragg) same switch | USPAT | OR | ON | 2002/05/15 15:47 |
| S38 | 15 | add-drop near1 switch | USPAT | OR | ON | 2002/05/15 16:31 |
| S39 | 23 | grating near array near switch | USPAT | OR | ON | 2002/05/15 16:34 |
| S40 | 2 | (grating adj1 switch) same (series with grating) | USPAT | OR | ON | 2002/05/15 16:38 |
| S41 | 23 | (grating adj1 switch) same (array near1 grating) | USPAT | OR | ON | 2002/05/15 16:41 |
| S42 | 2 | grating near1 filter near1 switch | USPAT | OR | ON | 2002/05/15 16:44 |
| S43 | 4 | grating near2 filter near2 switch | USPAT | OR | ON | 2002/05/15 16:47 |
| S44 | 2 | (grating near2 filter near2 switch) not (grating near1 filter near1 switch) | USPAT | OR | ON | 2002/05/15 16:45 |
| S45 | 80 | (grating with filter with switch) not (grating near2 filter near2 switch) | USPAT | OR | ON | 2002/05/15 16:48 |
| S46 | 171 | ((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator) | USPAT | OR | ON | 2002/08/27 11:18 |
| S47 | 5 | (((resonant with optic$ with modulator) or ((($resonator with ring$) or FRR) with modulator)) or (resonant with optic$ with modulator)) and taper | USPAT | OR | ON | 2002/08/27 11:18 |
| S48 | 464 | ((resonant with optic$ with modulator) or (($resonator with ring$) or FRR)) and modulator | USPAT | OR | ON | 2002/08/28 08:16 |
| S49 | 361 | (((resonant with optic$ with modulator) same (ring or circumfer$)) or (($resonator with ring$) or FRR)) and modulator | USPAT | OR | ON | 2002/08/28 08:17 |
| S50 | 43 | ((((resonant with optic$ with modulator) same (ring or circumfer$)) or (($resonator with ring$) or FRR)) and modulator) and taper | USPAT | OR | ON | 2002/08/28 08:20 |

| S51 | 6 | (((resonant with optic$ with modulator) same (ring or circumfer$)) or (($resonator with ring$) or FRR)) and modulator) and (taper with $9fiber$) | USPAT | OR | ON | 2002/08/28 08:33 |
|---|---|---|---|---|---|---|
| S52 | 6 | (((resonant with optic$ with modulator) same (ring or circumfer$)) or (($resonator with ring$) or FRR)) and modulator) and (taper with fiber$) | USPAT | OR | ON | 2002/08/28 08:55 |
| S53 | 123 | 439/577.ccls. | USPAT | OR | ON | 2002/08/28 09:03 |
| S54 | 10 | 439/577.ccls. and ferrule | USPAT | OR | ON | 2002/08/28 09:13 |
| S55 | 113 | 439/577.ccls. not (439/577.ccls. and ferrule) | USPAT | OR | ON | 2002/08/28 09:25 |
| S56 | 17 | (439/577.ccls. not (439/577.ccls. and ferrule)) and fiber | USPAT | OR | ON | 2002/08/28 09:30 |
| S57 | 96 | (439/577.ccls. not (439/577.ccls. and ferrule)) not ((439/577.ccls. not (439/577.ccls. and ferrule)) and fiber) | USPAT | OR | ON | 2002/08/28 11:10 |
| S58 | 1 | "4732446".pn. | USPAT | OR | ON | 2002/08/28 11:24 |
| S59 | 22 | data with plug with edge with connector | USPAT | OR | ON | 2002/08/28 11:30 |
| S60 | 0 | (data with plug with edge with connector) and ferrule | USPAT | OR | ON | 2002/08/28 11:30 |
| S61 | 17 | ring with resonat$6 with taper$6 | USPAT | OR | ON | 2003/04/04 20:36 |
| S62 | 219 | resona$6 and (waveguide or fiber) and taper$6 and evanesc$9 and optic$6 | USPAT | OR | ON | 2003/04/04 20:40 |
| S63 | 124 | resonat$6 and (waveguide or fiber) and taper$6 and evanesc$9 and optic$6 | USPAT | OR | ON | 2003/04/04 20:51 |
| S64 | 12 | resonat$6 and (waveguide or fiber) and taper$6 and evanesc$9 and optic$6 and 385/130.ccls. | USPAT | OR | ON | 2003/04/04 20:52 |
| S65 | 12 | resonat$6 and (waveguide or fiber) and taper$6 and evanesc$9 and optic$6 and 385/30.ccls. | USPAT | OR | ON | 2003/04/04 21:07 |
| S66 | 22 | resonat$6 and (waveguide or fiber) and evanesc$9 and optic$6 and 385/30.ccls. | USPAT | OR | ON | 2003/04/06 17:54 |
| S67 | 12 | (resonat$6 and (waveguide or fiber) and evanesc$9 and optic$6 and 385/30.ccls. ) and taper$6 | USPAT | OR | ON | 2003/04/06 17:55 |
| S68 | 1 | "5475704".pn. | USPAT | OR | ON | 2003/04/06 19:24 |
| S69 | 1 | "5446579".pn. | USPAT | OR | ON | 2004/04/14 22:28 |
| S70 | 1 | "6101300".pn. | USPAT | OR | ON | 2003/04/06 20:00 |
| S71 | 1 | "5475704".pn. | USPAT | OR | ON | 2003/04/07 14:40 |

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|------|-----|----------------------------------------------------------------------------------------------------------|---------------------|----|----|------------------|
| S72 | 14 | ring near1 resonat$6 with evanesc$6 | USPAT | OR | ON | 2003/04/07 14:40 |
| S73 | 6 | "5138676".pn. or "5025043".pn. or "5015058".pn. or "6108465".pn. or "5446579".pn. or "6052495".pn. | US-PGPUB; USPAT | OR | ON | 2003/09/26 10:40 |
| S74 | 1 | "20020081055" | US-PGPUB; USPAT | OR | ON | 2004/04/14 21:53 |
| S75 | 1 | "20020044739" | US-PGPUB; USPAT | OR | ON | 2004/04/14 21:53 |
| S76 | 250 | (waveguide with mode with wavelengths!) and "385"/$.ccls. | USPAT | OR | ON | 2004/04/14 22:23 |
| S77 | 52 | ((waveguide with mode with wavelengths!) and "385"/$.ccls. ) and resonator | USPAT | OR | ON | 2004/04/14 22:23 |
| S78 | 1 | "6052495".pn. | USPAT | OR | ON | 2004/04/14 22:29 |
| S79 | 7 | "6052495".URPN. | USPAT | OR | ON | 2004/04/14 22:30 |
| S80 | 29 | "5138676".URPN. | USPAT | OR | ON | 2004/04/16 14:41 |
| S81 | 1 | "6356694".pn. | USPAT | OR | ON | 2004/04/16 15:14 |
| S82 | 1 | "6293688".pn. | USPAT | OR | ON | 2004/04/16 15:14 |
| S83 | 2 | "4592043".pn. or "4695121".pn. | US-PGPUB; USPAT | OR | ON | 2004/07/10 22:00 |